New Year's Day. FILE 'USPAT' ENTERED AT 09:52:58 ON 15 MAR 1999 WELCOME TO THE U.S. PATENT TEXT FILE => d acc 4019554 re30254 4450027 4603072 4622255 4631108 4631217 4673600 4676855 4677012 4685986 4795515 4871006 5228936 b15228936 5482750 cls 'B15228936' IS NOT A VALID ACCESSION NUMBER 4,019,554 [IMAGE AVAILABLE] 5 CLASSIFICATIONS ANS: 1 160/84.02 OR 1. 160/120 XR 2. 3. 160/166.1 XR 428/116 XR 4. 5. 428/188 XR RE 30,254 [IMAGE AVAILABLE] 6 CLASSIFICATIONS ANS: 2 160/84.02 OR 2. 160/120 XR 3. 160/166.1 XR 4. 428/12 XR 5. 428/188 XR 6. 428/906 XR 4,450,027 [IMAGE AVAILABLE] 8 CLASSIFICATIONS ANS: 3 1. 156/193 OR 2. 156/197 XR 3. 156/200 XR 4. 156/291 XR 5. 264/285 XR 6. 428/116 XR 7. 428/188 XR 8. D6/575 XR 4,603,072 [IMAGE AVAILABLE] 2 CLASSIFICATIONS ANS: 4 428/116 OR 428/188 XR THERE IS NO PATENT FOR NUMBER 4,622,255; THIS IS A WITHDRAWN PATENT 4,631,108 [IMAGE AVAILABLE] 3 CLASSIFICATIONS ANS: 6 1. 156/461 OR 156/446 2. XR 3. 156/548 XR 4,631,217 [IMAGE AVAILABLE] 4 CLASSIFICATIONS ANS: 7 1. 428/118 OR

2. 3.	160/84.05 428/188	XR XR		<i>-</i>
4.	D6/575	XR		
4,673,600	[IMAGE AVAILABL	E]	4 CLASSIFICATIONS	ANS: 8
1.	428/12	OR		
2.	160/84.05	XR		
	428/116	XR		
4.	428/188	XR		
4,676,855		E]	4 CLASSIFICATIONS	ANS: 9
1.	156/193	OR		
2.	156/197	XR		
3.	156/200	XR		
4.	156/291	XR		
4,677,012	[IMAGE AVAILABL	E]	3 CLASSIFICATIONS	ANS: 10
1.	428/116	OR		
2.	156/197	XR		
3.	160/84.05	XR		
4,685,986	[IMAGE AVAILABLE]		6 CLASSIFICATIONS	ANS: 11
1.	156/197	OR		
2.	160/84.01	XR		
	428/102	XR		
	428/116	XR		
	428/152	XR		
6.	428/188	XR		
1 705 515	[IMAGE AVAILABL	- 1		
4,790,010	THAGE AVAILABLE	E J	6 CLASSIFICATIONS	ANS: 12
1.	156/197	OR	6 CLASSIFICATIONS	ANS: 12
1. 2.	156/197 156/292	OR XR	6 CLASSIFICATIONS	ANS: 12
1. 2. 3.	156/197 156/292 156/474	OR XR XR	6 CLASSIFICATIONS	ANS: 12
1. 2. 3. 4.	156/197 156/292 156/474 160/84.05	OR XR XR XR	6 CLASSIFICATIONS	ANS: 12
1. 2. 3. 4. 5.	156/197 156/292 156/474 160/84.05 428/116	OR XR XR XR XR	6 CLASSIFICATIONS	ANS: 12
1. 2. 3. 4.	156/197 156/292 156/474 160/84.05	OR XR XR XR	6 CLASSIFICATIONS	ANS: 12
1. 2. 3. 4. 5. 6.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL	OR XR XR XR XR XR XR	6 CLASSIFICATIONS 6 CLASSIFICATIONS	ANS: 12
1. 2. 3. 4. 5. 6. 4,871,006	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02	OR XR XR XR XR XR OR		
1. 2. 3. 4. 5. 6. 4,871,006	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205	OR XR XR XR XR XR XR XR XR XR		
1. 2. 3. 4. 5. 6. 4,871,006	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12	OR XR XR XR XR XR XR XR XR XR		
1. 2. 3. 4. 5. 6. 4,871,006	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116	OR XR		
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181	OR XR		
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116	OR XR		
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL	OR XR XR XR XR XR XR XR XR XR		
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5. 2.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL	OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197	OR XR XR XR XR XR XR CE OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250	OR XR XR XR XR XR E] OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936 1. 2. 3. 4.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250 156/256	OR XR XR XR XR XR E] OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936 1. 2. 3. 4. 5.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250 156/256 156/259	OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936 1. 2. 3. 4. 5. 6.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250 156/256 156/259 156/264	OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936 1. 2. 3. 4. 5. 6. 7.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250 156/256 156/259 156/264 156/291	OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936 1. 2. 3. 4. 5. 6. 7. 8.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250 156/256 156/259 156/264	OR XR	6 CLASSIFICATIONS	ANS: 13
1. 2. 3. 4. 5. 6. 4,871,006 1. 2. 3. 4. 5. 6. 5,228,936 1. 2. 3. 4. 5. 6. 7. 8. 9.	156/197 156/292 156/474 160/84.05 428/116 428/181 [IMAGE AVAILABL 160/84.02 156/205 428/12 428/116 428/181 428/188 [IMAGE AVAILABL 156/260 156/197 156/250 156/256 156/259 156/264 156/291 156/353	OR XR	6 CLASSIFICATIONS 9 CLASSIFICATIONS	ANS: 13

428-12 original 428-116 XR

428/12 52/793.1 428/116 OR XR XR 1. 2.